Index of Claims

| App | lica | tion/ | Con | trol | No |
|-----|------|-------|-----|------|----|
|-----|------|-------|-----|------|----|

10/670,099

Examiner

Miranda Le

Applicant(s)/Patent under Reexamination

VOLK ET AL.

Art Unit

2167

| 7 | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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Restricted

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

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|------------------|---------------------|----------|-----------|----------|----------|----------------|--|----------|---|----------|-------|----------|-----------|-----|---|--------------|----------|----------|--------------|---|
| Claim            | <del>  ,</del>      |          | _         | _ [      | Dat      | <u>e</u>       | ,—   | _        | _   | -        | Cla   | im       | ļ.,       |     |   | _ (          | Dat      | e_       |              | 1 |
| Final            | 9/14/06             |          |           |          |          |                |  |          |   |          | Final | Original |           |     |   |              |          |          |              |   |
| 1                | V                   |          |           |          |          |                |  |          |   | 1        |       | 51       | П         |     |   |              |          | Τ        | 1            | Ť |
| 2                | V                   |          |           |          |          | Π              |  |          |   | 1        |       | 52       | П         |     |   | $\Box$       |          |          | $\vdash$     | T |
| 3                | 1                   |          |           |          |          |                |  |          |   | ]        |       | 53       | П         |     |   | Γ            |          |          | Г            | Τ |
| 4                | 1                   |          |           |          |          |                |  |          |   |          |       | 54       |           |     |   |              |          |          |              | Ţ |
| 5                | 1                   |          |           |          |          |                |  |          |   |          |       | 55       |           |     |   |              |          |          |              | Τ |
| 6                | <b>V</b>            |          |           |          |          |                |  |          |   | ]        |       | 56       |           |     |   |              |          |          |              | Ι |
| 7                | 1                   | _        |           | L        | L        |                |  |          |   |          |       | 57       |           |     |   |              |          |          |              | Ι |
| 8                | 1                   | _        |           |          | L        | <u> </u>       | L  |          |   |          |       | 58       |           |     |   |              |          |          |              | Ι |
| . 9              | 1                   |          |           | <u> </u> | L        |                | <u> </u>   |          | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |          |       | 59       | Ш         |     |   |              |          |          |              | I |
| 10               | 1                   | _        |           |          |          |                |  |          | 乚   |          |       | 60       |           |     |   | _            |          |          |              | 1 |
| 11               | 1                   |          |           | <u> </u> | _        | _              |  | _        | L   |          |       | 61       | Ш         |     |   | _            |          |          | _            | 1 |
| 12               | 1                   |          |           |          | _        | <u> </u>       | <u> </u>   | _        | ᆫ   |          |       | 62       | Щ         |     |   |              | _        |          | ļ            | 1 |
| 13               | 1                   | _        | $\perp$   | L        | <u> </u> | <u> </u>       | L.   |          |   |          |       | 63       | Ш         |     |   |              | <u> </u> |          | <u> </u>     | 1 |
| 14               | 1                   | _        | _         |          | <u> </u> | <u> </u>       | _  | ļ        | <u> </u>  |          |       | 64       | Ш         |     |   |              | L        | _        | <u> </u>     | 1 |
| 15               | 1                   |          |           |          |          | _              | _  | L        | <u> </u>  |          |       | 65       | Ш         |     |   | _            | <u> </u> |          |              | 1 |
| 16               | 1                   | -        | _         | _        | <u> </u> | <u> </u>       | <u> </u>   |          | <u> </u>  |          |       | 66       | Ш         |     |   | ļ            | _        |          | <u> </u>     | 1 |
| 17               | 1                   | -        |           | _        | ļ.       | ļ              | <u> </u>   | -        | <u> </u>  | ļ        |       | 67       | -         |     |   | <u> </u>     | <u> </u> | _        | <b> </b>     | ļ |
| <del>18</del>    | $\vdash$            |          |           |          |          |                | <b> </b>   | _        |   |          |       | 68       | $\dashv$  |     |   | _            |          | <u> </u> | <b>!</b>     | 1 |
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| 20               | 1                   | -        | _         | -        |          | <del> </del> — |  | ⊢        | ⊢   | <b>!</b> |       | 70       |           | _   |   | ļ            |          |          | -            | ╀ |
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| 23               | 7                   | $\dashv$ |           | -        | -        | $\vdash$       | $\vdash$   | $\vdash$ | ├   |          |       | 72       | $\dashv$  |     |   | <u> </u>     |          | ├        | ⊢            | ╀ |
| 24               | 7                   | $\dashv$ | -         |          |          | ├              | $\vdash$   | ┝        | $\vdash$  | 1        |       | 73<br>74 | $\dashv$  | _   |   | <del> </del> | _        |          | -            | ╀ |
| 25               | 1                   | $\dashv$ | -         | $\vdash$ | ┝        | ├-             | <del> </del>                                     | _        |   | 1        |       | 75       |           | _   |   | <u> </u>     |          | _        | ⊢            | ╀ |
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| 28               | Ħ                   | -        | $\dashv$  |          | $\vdash$ | -              | <del>                                     </del> | -        | -   |          | -     | 78       | -         |     |   |              |          | ┝        | ├            | t |
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| 30               | V                   | 寸        | $\dashv$  | _        | $\vdash$ | _              |  | ┢        |   |          |       | 80       |           |     |   |              | $\vdash$ |          | $\vdash$     | t |
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| 32               | 1                   | 7        | $\neg$    |          |          | ┢              |  |          | Т   | i        |       | 82       | $\dashv$  |     |   |              | _        |          | $\vdash$     | t |
| 33               | 1                   | $\neg$   | $\neg$    |          | _        |                |  |          | -   |          |       | 83       | 7         | 7   | _ | _            |          |          | _            | t |
| 34               | 1                   | 7        | $\neg$    |          |          |                |  | _        |   |          |       | 84       |           |     |   |              |          | _        |              | t |
| 35               | 1                   | ヿ        | ヿ         |          |          | _              |  |          |   |          |       | 85       |           | T   |   |              | _        |          | <u> </u>     | T |
| 36               | 1                   | ┪        | $\neg$    |          |          |                |  |          |   |          |       | 86       | $\exists$ | 一   |   |              |          |          |              | t |
| 37               |                     | 寸        |           |          |          |                |  |          |   |          |       | 87       |           |     |   |              |          |          |              | T |
| 38               | $\Box$              |          |           |          |          |                |  |          |   |          |       | 88       | $\neg$    |     |   |              |          |          | Г            | T |
| 39               |                     | 丁        |           |          |          |                |  |          |   |          |       | 89       |           |     |   |              |          |          | Г            | T |
| 40               |                     |          |           |          |          |                |  |          |   |          |       | 90       |           |     |   |              |          |          |              | Γ |
| 41               | Ш                   | $\Box$   |           |          |          |                |  |          |   |          |       | 91       |           |     |   |              |          |          |              | Γ |
| 42               | $\Box$              | $\Box$   |           |          |          |                |  |          |   |          |       | 92       |           |     |   |              |          |          |              | Γ |
| 43               |                     | [        |           |          |          | $\Box$         |  |          |   |          |       | 93       |           |     |   |              |          |          |              | Γ |
| 44               | Ш                   |          | _         |          |          |                |  |          |   |          |       | 94       |           | _]  | ] |              |          |          |              | Ĺ |
| 45               | $\sqcup \bot$       | _        | ļ         |          |          |                | Ш  |          | L   |          | ]     | 95       |           |     |   |              |          |          |              | Ĺ |
| 46               |                     |          | ļ         | Ш        |          |                |  |          | L   |          |       | 96       | _         | _   |   |              |          |          | L            | L |
| 47               | $\vdash \downarrow$ | _        | _         |          | Ш        | Щ              | Ш  | L_       | L   |          |       | 97       | _         | _   |   | `            |          |          | L_           | L |
| 48               | $\vdash \vdash$     | _        | _         |          | Ш        | Щ.             | Ш  | _        |   |          |       | 98       | _         | _   | _ |              |          |          | <u> </u>     | L |
| 49               | 1 1                 | - 1      | - 1       |          |          |                |  | 1        |   |          |       | 99       | - 1       | - 1 |   |              |          | 1        | ı            | 1 |
| 50               | <del></del>         | -+       |           | $\dashv$ | -        | -              | -  |          | $\vdash$  |          |       | 100      | -+        |     |   | _            | _        |          | _            | ┿ |

| Cla         | aim      | Date   |  |          |              |          |                |              |          |          |
|-------------|----------|--|--|----------|--------------|----------|----------------|--------------|----------|----------|
| 1           | т —      | -  | П  | П        |              | T        | Ī              | Ι            | Г        | Т        |
| Final       | Original |  |  |          |              |          |                |              |          |          |
|             | 51<br>52 |  |  |          |              |          |                |              |          |          |
|             | 52       |  |  |          |              |          |                |              | Ī        |          |
|             | 53       |  |  |          | Π            | П        |                | Г            | Г        |          |
|             | 54       |  |  |          |              |          |                |              |          |          |
|             | 54<br>55 |  | П  | T        |              |          | Г              |              |          |          |
|             | 56       | Г  |  |          | Г            |          | Г              |              |          |          |
|             | 57       | Π  | Π  |          |              |          |                |              |          |          |
|             | 58       | Π  | Г  |          |              | Π        |                |              |          |          |
|             | 59       | Г  | Г  |          |              | Г        |                |              |          |          |
|             | 60       |  | Г  | Г        |              |          |                |              |          | Г        |
|             | 61       | Γ  | Ī  |          |              |          |                |              |          |          |
|             | 62       |  | Π  |          |              |          |                |              |          |          |
|             | 62<br>63 | $\Gamma$   |  |          | Ĺ            |          |                |              |          |          |
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|             | 65       |  |  |          |              |          |                |              |          |          |
|             | 66       |  |  |          |              |          |                |              |          |          |
|             | 67       |  |  |          |              |          |                |              |          |          |
|             | 68       |  | L  |          |              |          |                |              |          |          |
|             | 69       |  |  |          |              |          |                |              |          |          |
| L           | 70       |  |  |          |              |          |                |              |          |          |
|             | 71       |  | L  |          |              |          |                |              |          |          |
|             | 72       |  |  |          |              |          |                |              |          |          |
| L           | 73<br>74 | _  |  | L        | L            | 乚        | _              |              |          |          |
|             | 74       | L  |  | ╙        | L            | L        | _              | L            |          | L        |
|             | 75       | _  | <u> </u>   | <u> </u> | L            | L        | _              | L            | <u> </u> | L_       |
|             | 76       | <u> </u>   | <u> </u>   | ┞        | _            | <u> </u> | <u> </u>       | L            | L        | L        |
| <u> </u>    | 77       | <u> </u>   | L.   | -        |              | <u> </u> | <u> </u>       | _            | <u> </u> |          |
| <u> </u>    | 78       | ₩  | _  | ⊢        | _            | L        |                |              |          |          |
| -           | 79       | -  | L  | <u> </u> | <u></u>      | <u> </u> |                | _            | <u> </u> |          |
|             | 80       |  | _  | _        | _            | _        |                | _            |          | <u> </u> |
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|             | 86       | $\vdash$   | $\vdash$   | $\vdash$ | ├            | _        | <del>  -</del> | $\vdash$     | $\vdash$ | <u> </u> |
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|             | 100      | _  | $\vdash$   |          | _            | П        | $\vdash$       | _            |          |          |

| CI    | Date                            |          |              |                |          |            |          |            |          |                |  |
|-------|---------------------------------|----------|--------------|----------------|----------|------------|----------|------------|----------|----------------|--|
| Final | Original                        |          |              |                |          |            |          |            |          |                |  |
|       | 101                             |          |              |                |          |            |          |            |          |                |  |
|       | 102<br>103                      | <u> </u> | <u> </u>     | _              | ᆫ        | <u> </u>   | L_       | _          | _        | Ш              |  |
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|       | 104                             | <u> </u> | _            | <u> </u>       | L        | _          | L        | <u> </u>   |          | Щ              |  |
|       | 105<br>106                      | _        | _            | _              |          | <u> </u>   | Ŀ        | _          | _        | Щ              |  |
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|       | 116<br>117                      | ├        | $\vdash$     |                |          | ┢          | ┢        | -          |          | Н              |  |
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|       | 118<br>119                      | $\vdash$ | -            |                | -        |            | -        | _          | 1        | H              |  |
|       | 120                             |          | Г            |                | Т        | <b>-</b>   | $\vdash$ |            |          | П              |  |
|       | 121<br>122<br>123               |          |              |                |          |            | _        |            |          |                |  |
|       | 122                             |          |              |                |          |            |          | Г          |          |                |  |
|       | 123                             | _        |              |                |          |            |          |            |          | П              |  |
|       | 124<br>125<br>126<br>127<br>128 |          |              |                |          |            |          |            |          | П              |  |
|       | 125                             |          |              |                |          |            |          |            |          |                |  |
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|       | 127                             | L        |              |                |          |            | _        | _          | $\Box$   | Ш              |  |
|       | 128                             | _        |              |                |          |            |          |            | L        | Ш              |  |
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|       | 130                             |          |              |                |          | <u> </u>   | <u> </u> | _          | _        | Ш              |  |
|       | 131                             | _        | <u> </u>     | H              |          | <u> </u>   | _        | _          | ļ        |                |  |
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